DataVault X4 Block Diagram (Fig. 1)

Cast Iron Case 1

2 On/Off Switch

3 Power Supply

4 Electronic Keyed Lock/Switch

34 Case Alarm

5

3a Diode 1

7

3b Diode 2

9

10

11

12

13

14

15

E M F S h i e l d

16

1 7

18

19a **19**

20

21

22

23

24

25

26

27

28

29

30

(KM) Switch
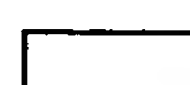(Internal) Digital Electronic Switch For Keyboard/Video/Mouse

31 Keyboard

32a **32b**

33 Mouse
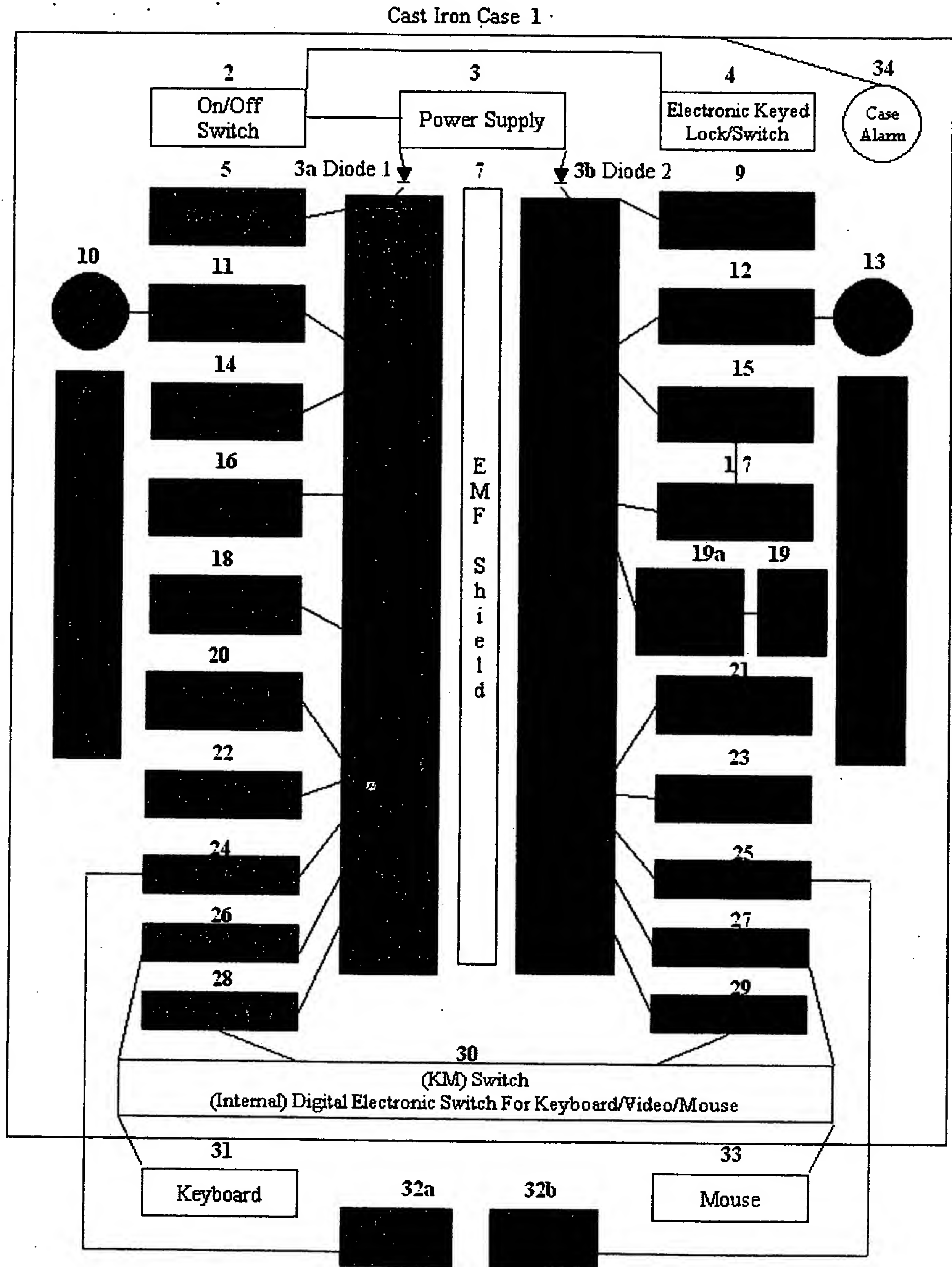
Color Key:

Subsystem 1
(Unsecured Domain)

Subsystem 2
(Secure Domain)

Subsystem 3
(Shared Devices)

02480 U.S. PTO
091605

External Rear View – DataVault X4   (Fig. 2)

Unsecured Hardware

Secure Hardware

43 EMF Shld.

KM Switch

Cooling Fan 48

AC Male

55

56

57

58

49

50

54a Cable Apertures   54b

Back Cover Lock   53

Tamper-proof Hinge   52

Tamper-proof 80/20 Partial Rear Cover   51
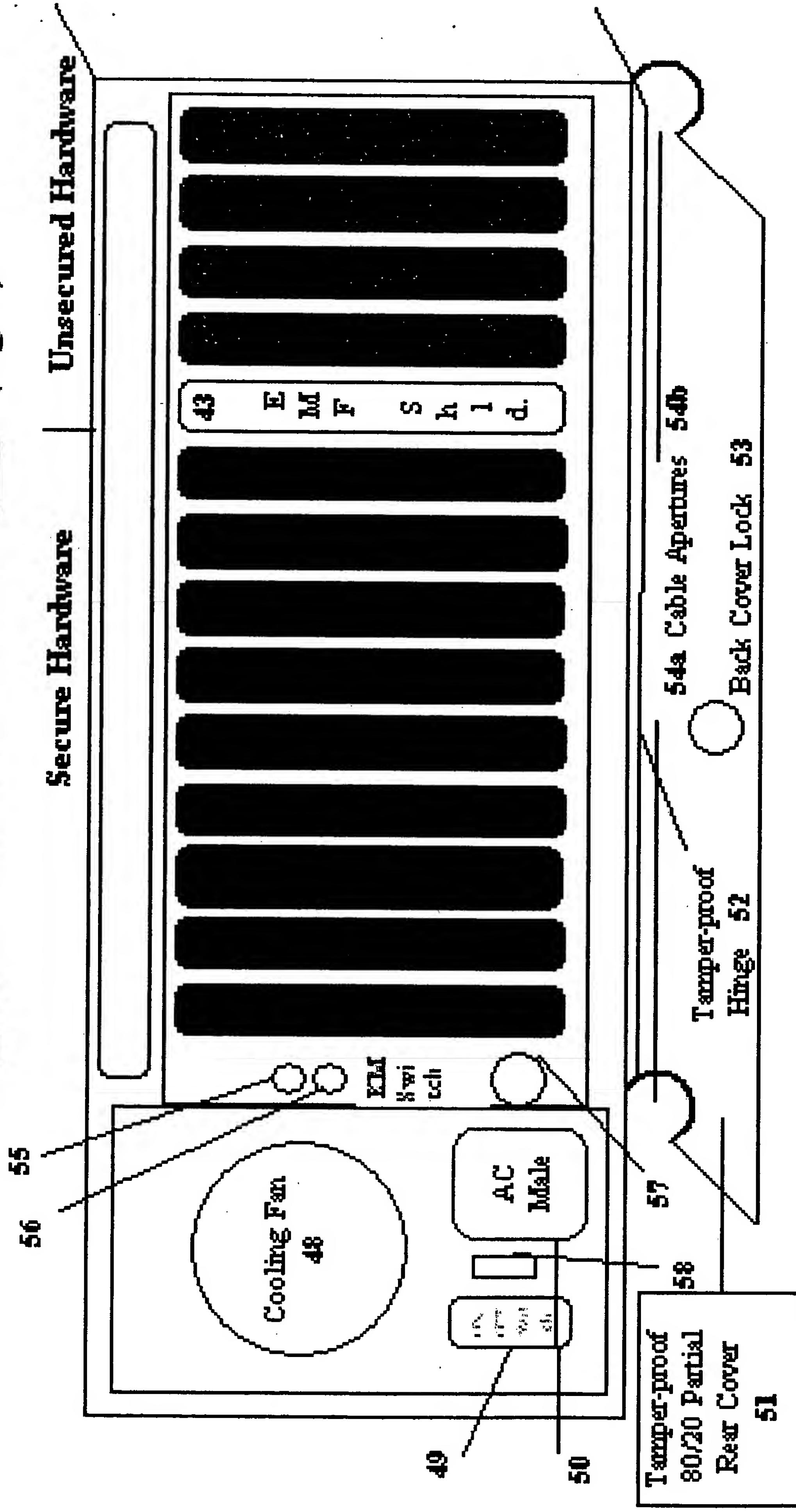
External Front View - DataVault X4 (Fig. 3)

Unsecured
Reset

Secure
Reset

HD1 LED
66

HD2 LED
65

64

63

Cooling Fan w/
Removable
Air
Filter

74

Domain Selector
Switch
69

Electric Mechanical
On/Off Keyed Switch
70

Locking Front Cover 71

Front Cover Lock 72

Unsecured
LED
67

Secured
LED
68

Tamper-proof
Hinge 73

Removable Hard
Drive Lock
59